28 December 1981

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MEMORANDUM FO		
	D/0C	25 X 1
	Manager, MHF Design Effort	25X1
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FROM:		25X1
and the second	Information Handling Systems Architect	20/(1
	The state of the MIT in the Assess THE Architecture	
SUBJECT:	Function of the MHF in the Agency IHS Architecture	. •
REFERENCE:	Message Handling Facility Preliminary Requirements,	
REPERENCE.	November 16, 1981	
	The Movember 10, 1901	
	,并, Bankan Anna Anna Anna Anna Anna Anna Anna	
1. While	the reference document is a solid and thorough development of	
	, it is based on the assumption that current intention is that the	
MHF will be a	CDS functional replacement and upgrade. It is understood also	
that the curr	ent intention is that the MHF will eventually incorporate most of	
the functions	al capabilities now provided by ODP's MPS.	25X1
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-	problem with the assumption that MHF is a direct functional	
	the CDS is that we are already well along on a functional evolution	
	ing us away from a monolithic, centralized dissemination and	
	(D&D) architecture to a layered one. The latter involves such new	
	as SAFE and APARS, as well as ODP's existing MPS	25X1
	ne, we ought to proceed more deliberately with the development of	
	fore trying to complete the requirements, we need to agree on and	
	function or role of the MHF in our evolving IHS architecture. The	
and the second s	D&D are, in fact, at the very heart of the design of the Agency IHS	05.4
architecture	에 그는 것 같은 그 그는 그를 가게 되었다.	25 X 1
1725	unately, we are not driven to a hasty implementation by a capacity	
	have the CDS Upgrade coming on line shortly to replace the CDS, and	
	duled to meet our capacity needs at least through 1985. To date,	
	ade effort is understood to be on schedule.	25 X 1
one one oper.	and offord is undergood to be offered.	20/(1
4 The l	basic need that I believe we have is to work out and agree to the	
	tended functions and requirements of the MHF. At the level of the	
_	ocation of functions and the functional subordination among the MHF,	
	NSC and the Metronet need to be resolved. This includes the	
-	nd architectural embedding of the DATEX function. Then there is the	
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	4	SECRET			
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	oncern, but there a	nition of the archit are a few specific c			
seem a projec someth approp	adequate. Based or cted demand, a prud ling like the follo	city and allowance for historical capacity dent growth allowand owing: The MHF capactories of the capactories of the capactories of the cable traffic. The capactories of the capacitories of the capacito	y growth and e might be acity will be		-
percer	nt/year rate will h	be assumed.		en de la companya de La companya de la co	2
		cable format transfo d set of Agency cabl		ut	2
	vailability/reliab e functional requi	ility of the system rements.	should be specified		2
	presents an unusua on system which wi	hnson the current st al opportunity to de ll support our needs he characteristics o at is at the forefro	esign the type of ke s over an extended p of existing systems ont of technology wh	ystone eriod of provide less en deployed,	
dissemination time. Usual freedom to cand which can	an be readily enhar	nced to meet our nee		think our	
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